

IPIS, B.V.; VASSERSHTEYN, Sh.Ye.

Determination of invert sugar in dry wines by the colorimetric method  
using anthrone. Izv. AN Mold. SSR no.10:38-44 '62.

(MIRA 17:12)

RANGELOVA, S.; KRASTEV, T.; VASSILENKO, S.; TODOROV, J:

Achievements in control of poliomyelitis in Bulgaria. Dokl. bolg.  
akad. nauk 15 no.6:673-676 '62.

1. Note presentee par I. Emanuilov, membre de l'Academie.  
(POLIOMYELITIS)

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BULGARIA

ATZEV, S., VASSILENKO, S., Cytopathological Laboratory, Institute of Epidemiologic and Microbiologic Research

"The Development of Crystalline Inclusions in Nerve Cells During Experimental Infection of Mice with Certain Enteroviruses"

Sofia, Doklady Bolgarskoy Akademii Nauk, Vol 19, No 3, 1966, pp 249-251

Abstract: [French article] The authors described earlier paralytic forms in mice which were caused by infection with the virus Coxsackie A 11 and ECHO 6. A comparison was made with experimental infection with poliovirus types I and II. The present article describes (using several photographs) two types of crystalline inclusions found in nerve cells. This observation was made possible by cytologic and cytochemical methods used by the authors and these are described in considerable detail. There are 3 Bulgarian, 1 Soviet, and 2 Western references. (Manuscript received, 14 Dec 65.)

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L 00162-66

ACCESSION NR: AP5025551

BU/0011/65/018/002/0125/0128

AUTHOR: Vassilev, C.

TITLE: Oxidation kinetics of Sphalerite in sodium hypochlorite solution

SOURCE: Bulgarska akademiya na naukite, Doklady, v. 18, no. 2, 1965, 125-128

TOPIC TAGS: mineral, oxidation, sodium compound, chlorine compound, solution property, thermochemistry

ABSTRACT:

The kinetics of oxidation of molybdenite, chalcopryrite, pyrite, and galenite in sodium hypochlorite solutions were discussed in several previous papers (see, e.g., Kh. Yordanov, Tekhnika, 1962; Kh. Vasilov, Godishnik KHTI, IX, 1962, No 2). The present paper studies the physicochemical foundations of sphalerite oxidation in sodium hypochlorite solutions. Experimental results show that sphalerite oxidizes in NaOCl solutions forming  $Zn(OH)_2$  and  $SO_4^{2-}$ . The temperature coefficient of the process is between 1.05 and 1.19. The calculated apparent activating energy of the process in the 20-80° C temperature interval is 4,600 cal/mol. The paper concludes by proposing a possible mechanism of sphalerite oxidation in sodium hypochlorite solution. Orig. art. has: 4 graphs, 3 formulas.

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L 00162-66

ACCESSION NR: AP5025551

ASSOCIATION: Chemico-Technological Institute, Darvenitsa, Sofia

SUBMITTED: 00

ENCL: 00

SUB CODE: IC, GC

NR REF SOV: 000

OTHER: 005

JPRS

*KC*  
Card 2/2

VASSILEV, G.

Franke's modified method for quantitative determination of total fats in serum. Dokl. Bolg. akad. nauk 16 no.4:373-375 '63.

1. Submitted by Corresponding Member A. Spassov.  
(BLOOD LIPIDS) (BLOOD CHEMICAL ANALYSIS)

VASSILEV, G. [Vasilev, G.]

On certain alylthiocarbamide derivatives. Doklady BAN 17 no.9:  
829-832 '64.

1. Submitted April 27, 1964.

VAPCAROV, I.; SOLOV, K.; PIRONKOVA, M.; MINEVA, C.; VASSILEV, I.

On the association of cytomegalic inclusion disease, pneumo-  
cystis Carinii pneumonia and endomyocardial fibroelastosis in  
an infant (based on the observation of a case). Folia med.  
(Plovdiv) 7 no.1:63-66 '65

1. Institut de Hautes Etudes Medicales "I.P.Pavlov" de  
Plovdiv, Bulgarie, Chaire de Maladies Infantiles (Directeur:  
prof. I. Andreev); Chaire d'Anatomie Pathologique (Directeur  
par interim.: prof. Ju. Tochev); Centre regional de Pueri-  
culture (Directrice Cv. Mineva).



VASSILEV, Iv.

Mobilisation of transplants from the left colonic half in reconstructive esophageal surgery. Nauch. tr. Vissh med. inst. Sofia 43 no.1463-68 '64.

1. Chair of Surgical Urological Clinic (Director: Prof. G. Popov).

ACC NR: AP5028778

SOURCE CODE: BU/0011/65/018/002/0161/0164

AUTHOR: Vassilev, I.; Kolebinova, M.

ORG: Zoological Institute, Bulgarian Academy of Sciences (Institut de Zoologie pres  
l'Academie bulgare des Sciences) <sup>13</sup>

TITLE: New species of Analgesoidea - Rivoltasia Gaudi N. Sp.

SOURCE: Bulgarska akademiya na naukite, v. 18, no. 2, 1965, 161-164

TOPIC TAGS: animal parasite, parasitology, zoology

ABSTRACT: A new species of Analgesoidea - the Rivoltasia Gaudi, found on the skin and  
feathers, is described in detail. The size of the male is, for instance, 238 in length,  
212 - idiosoma, 189 - hysterosoma, 122 - constant width, and 139 - maximum width. Both  
male and female specimens are preserved at the Zoological Institute of the Bulgarian  
Academy of Sciences. The work was presented by A. Valtchanov, 5 Oct 64. Orig. art.  
has: 4 figures. [JPRS]

SUB CODE: IS / SUBM DATE: 05Oct64 / OTH REF: 001 / SOV REF: 001

Card 1/1

EXCERPTA MEDICA Sec 6 Vol 13/3 Internal Med. Mar 59

1400. CONTRIBUTION TO THE ELUCIDATION OF THE AETIOLOGY OF PARINAUD'S SYNDROME. A CASE OF BOUTONNEUSE FEVER INOCULATED THROUGH THE EYE (Bulgarian text) - Vassilev V. Dept. of Ophthalmol., Super. Med. Inst. 'I. P. Pavlov', Plovdiv - SOVR. MED. 1958, 9/1 (101-104)  
Report on 2 personal observations and another observation which at first presented the picture of Parinaud's conjunctive-glandular syndrome. Seven days after the manifestations in the eye, there appeared small painless blue-red buttons in the skin.  
(L, 6, 12)

VASSILIEV V.

BULGARIA/Electronics - Electron and Ion Emission.

11

Abs Jour : Ref Zhur Fizika, No 1, 1960, 1456  
 Author : Nadjakov, G., Vassiliev, V., Balabanov, S.  
 Inst : -  
 Title : On the Work Function of Gold and Aluminum During Vacuum-Air Transition  
 Orig Pub : Dokl. Bulg. AN 1958, 11, No 6, 461-464

Abstract : A method of contact difference of potential was used to measure the work function of freshly evaporated gold and aluminum in vacuum and in air with respect to old gold, passivated in air, taken to serve as a standard. The work function of the gold standard  $\phi_{Au}$  was assumed to be 4.8 ev (its average value, obtained in several other experimental investigations). By measurement in vacuum, values  $\phi_{Au} = 4.48$  and  $\phi_{Al} = 3.15$  ev were obtained. The variation of the work function with time in air for gold and aluminum

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BULGARIA/Electronics - Electron and Ion Emission.

H

Abs Jour : Ref Zhur Fizika, No 1, 1960, 1456

is plotted. Investigations have shown that owing to the interaction with the air, one can assume that there exists in metals two types of surface variations: irreversible, due probably to chemical changes in the surface, and reversible -- absorption of gases and vapors, contained in the surrounding atmosphere.

Bibliography, 10 titles.

Card 2/2

VAPTZAROV, I.; VASSILEV, V.; JOMTCOV, M.

On the problem of atypical hypo (a) gamma globulinemias. Apropos of a case. Folia med. (Plovdiv) 7 no.2:83-91 '65.

1. Institut de Hautes Etudes Medicales "I.P. Pavlov" de Plovdiv, Bulgarie. Chaire des Maladies Infantiles (Directeurs: prof. I. Vaptzarov) et Institut de Recherches Scientifiques de Medecine Experimentale de Sofia, Bulgarie (Directeurs: I.S. Rangelova).

VASSILEV, V.

Thermal current in the vitreous body under pathological conditions. Folia med. (Plovdiv) 6 no.1:37-39 '64.

1. Institut de Hautes Etudes Medicales "I.P.Pavlov" de Plovdiv, Bulgarie; Chaire d'Ophtalmologie (Directeur: E. Cohen, prof. agrege).

VASSILEV, V.

The upper limb as a site of entry of trachomatous infection.  
Folia med. (Plovdiv) 6 no.4:258-260 '64

1. Institut de Hautes Etudes Medicales "I.P.Pavlov" de Plovdiv,  
Bulgarie; Chaire des Maladies Oculaires. (Directeur: E. Cohen,  
prof. agrege).



L 4374-66

ACC NR: AP5028433

SOURCE CODE: BU/0011/65/018/001/0085/0088

AUTHOR: Tonov, E.; Shindarov, L.; Konstantinova, B. ; Vassileva, V. 16  
B

ORG: Department of Microbiology and Virology, Department of Pathological Anatomy,  
Post-Graduate Medical Institute, Sofia

TITLE: Sensitivity of newly born albino mice to the sheep abortion virus upon  
intraperitoneal infection

SOURCE: Bulgarska akademiya na naukito. Doklady, v. 18, no. 1, 1965, 85-88

TOPIC TAGS: mouse, virus, virology, pathology, histology

ABSTRACT: J. T. Stamp et al. (Vet. Res., 1950, 251-254) were the first to isolate the sheep abortion virus. F. R. Giroud et al. (Acad. Vet. Fr., 23, 1956, No 8, 353-401) found elementary corpuscles in mice infected peritoneally and killed on the 15-th day, while H. Parker (Vet. Res. 21, 1960, No 81, 243-250) and D. Saratisnu et al. (Stud. cerc. inframicrobiol, XII, 1961, 1, 95-103) infected mice intracerebrally and succeeded in establishing elementary corpuscles. Nevertheless, the problem of finding a convenient laboratory model for experimental infection remained of considerable interest because of the pathogenic significance of the virus and the subsequent damage caused by its infection. Consequently, the authors attempted sensitivity tests to the sheep abortion virus with newborn albino mice one and three days old.

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L 4374-66

ACC NR: AP5028433

They used the local Tsalapitsa strain and found that newborn mice are sensitive to intraperitoneal infection; infected animals died five days after the infection. The elementary corpuscles of the virus are to be found in the liver of the infected animals. The pathohistological changes occurring in the newborn mice infected with the virus consist of a general displacement of the elements of the reticuloendothelial system resulting in great swelling and proliferation of the endothelia of the vessels of the separate organs, the reticuloendothelial cells of the liver and spleen in particular. Peculiar giant cells are found in the liver and the spleen. In addition to the reticuloendothelial changes, there are lympho-leucocytic infiltrates observed in the organs which are of a diffuse character in some places, although in most instances they show a focal perivascular position. There is a sharply pronounced stasis in all organs and in some places plasmorrhagia and extravasates. The pathohistological changes in the cerebrum are represented by microencephalomalatic sections in some places and by lymphocytic infiltrates in others. The work was presented by A. Toshkov, Corresponding Member, of BAN, 16 Sep 64. Orig.art. has: 5 figures, 1 table.

[JPRS]  
SUB CODE: LS / SUBM DATE 16Sep64 / ORIG REF: 009 / OTH REF: 006

Card 2/2

VULCHANOV, V.H.; VASSILEV, V.H.; OBRATENOVA, K.; PELOKORSKI, I.

Auto-immunization and auto-allergization in guinea pigs infected with tuberculosis with preliminary X-ray treatment. Dokl. Bolg. akad. nauk 18 no.2:165-168 '65

1. Submitted on September 30, 1964.

L 4353-66

ACC NR: AP5028779

SOURCE CODE: BU/0011/65/018/002/0165/0168

AUTHOR: Vulchanov, V. H.; Vassilev, V. H.; Obretenova, K.; Belokonski, I. R  
E

ORG: Institute of Microbiology, Bulgarian Academy of Sciences; Tuberculosis Research Institute at the Ministry of Health and Social Welfare

TITLE: Auto-immunization and auto-allergization in preliminary x-ray treated guinea pigs infected with tuberculosis

SOURCE: Bulgarska akademiya na naukite, v. 18, no. 2, 1965, 165-168

TOPIC TAGS: immunology, experiment animal, biochemistry, immunization, radiology, radiation biologic effect, tuberculosis

ABSTRACT: [English article] It was established in previous investigations by the authors (Izv. Mikrobiol. in-t. BAKL, 15, 1963, 115; Immunitets- u. Allergieforsch., 125, 1963, 207) that complement-fixing leuco-, pulmo-, and cerebro-antibodies could be detected in the serum of some tuberculous patients with chronic empyema. Comparing this with the findings of other researchers who found leucosagglutins in patients with splenic tuberculosis (see, e.g., S. Moeschlin, Acta Scand. Suppl., 312, 1956, 518) and pulmoantibodies in patients with cavernous lung tuberculosis (A. T. Honnes et al., Amer. J. Resp. Dis., 83, 1961, 354), the authors stressed the role of tuberculosis infection in the induction of a 'poly-specific' auto-immunization process in

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ACC NR: AP5028779

the affected organism. Experimental studies, part of which are the subject of the present communication, were performed with the aim of further elucidating this problem. As has been shown in the guinea pig infection model, it seems that mycobacterium tuberculosis humanum, strain H37Rv, plays a significant role in inducing auto-antigenicity of a 'poly-specific' character. The pre-treatment with 400 r irradiation, producing conditions for a wider spread and deeper penetration of the infection, increases the possibilities of inducing auto-antigenicity and accelerates the autoimmunization process. Irradiation causes inhibition (up to the 30th day) of the delayed type of hypersensitivity in animals infected with tuberculosis. In some cases only auto-sensitization with respect to extracts of lymph node, brain, and peritoneal leucocytes is established on the 30th day or later after the infection. The induction of auto-antigenicity in the concrete case might be ascribed rather to the infection's direct action (the effect of irradiation being added to it) upon the tissues than to changes in the immunological competence of the antibody-forming cells caused by the radiation. The work was presented by A. Toschkoff, Corresponding Member of BAN, 30 Sep 64. Orig. art. has: 2 tables. [JPRS]

SUB CODE: LS / SUBM DATE: 30Sep64 / ORIG REF: 002 / OTH REF: 005

Card 2/2

VASSILEVA, B.

A chromatographic method for the demonstration of 6-amino-  
penicillanic acid. Dokl. Bolg. akad. nauk 16 no.4:369-372 '63.

1. Vorgelegt von A. Spassov, korr. Mitglied.  
(PENICILLIN) (CHROMATOGRAPHY)

GEORGIEV, V.; VASSILEVA, O.

On the anticonvulsive activity of certain derivatives of Phenylcarbamide. Doklady BAN 17 no.12:1129-1131 '64.

1. Physiological Institute of the Bulgarian Academy of Sciences, Sofia. Submitted July 28, 1964.

MLADENOV, I.; NIKOLINSKY, P. [Nikolinski, P.]; VASSILEVA, S.  
[Vasielva, S.]

Studying compatibility of certain caoutchoucs by selective  
inflating. Doklady BAN 16 no. 8: 837-840 '63.

1. Note presentee par D. Ivanoff [Ivanov, D.], membre de  
l'Academie, membre du Comite de redaction, "Doklady  
Bolgarskoy Akademii nauk. Comptes rendus de l'Academie  
bulgare des Sciences".



TOHEV, E.; SMINDAROV, L.; KONSTANTINOVA, B.; VASSILEVA, V.

Sensitivity of newly born albino mice to the virus of abortion in sheep upon intraperitoneal infection. Dokl. Bolg. akad. nauk 18 no.1:85-88 '65

1. Submitted September 16, 1964.

VASSILIEVA - PRYANOV, O. A.

13

1. Journal of Microscopy, Vol. 14, No. 3, 1969 (cont'd)

17. "Specificity of the Fluorochromic Azurine in the Cytological Analysis of Cells" SV. ANTOV, pp. 293-302.

18. "The Cytological Analysis of Honey" C. PAVLOV and St. ANTOV, pp. 303-310.

19. "Antibacterial Properties of Sulfonamide-Induced Tissue Inclusions in Certain Microbes" C. PAVLOV, pp. 307-310.

20. "On the Detection of Nucleic Acids in the Embryo Sac of Antirrhinum" by Antirrhinum (in English)

21. "On the Detection of Nucleic Acids in the Embryo Sac of Antirrhinum" by Antirrhinum (in English)

22. "On the Detection of Nucleic Acids in the Embryo Sac of Antirrhinum" by Antirrhinum (in English)

23. "Changes of the Cytoproteins in Eggs After Stimulation in the Cytoproteins" by Antirrhinum (in English)

VASSILEVA-DRYANOVSKA, O.A. [Vasileva-Drianovska, O.A.]; BELCHEVA, R.G.

Cytochemical studies of nucleic acid (DNA AND RNA) in carassius gibelio (Bloch) ovocytes. Doklady BAN 14 no.4:385-387 '61.

1. Biological Institute at the Bulgarian Academy of Sciences.  
Submitted by Academician A. Hadjiolov [A.Khadzhiolov].

VASSILEVA-DRYANOVSKA, O. A.[Vasileva-Drianovska, O. A]; BELCHEVA, R. G.

Studies on the ovocytes of *carassius auratus gibelio* (Eloch) by the fluorescent auramine method. Doklady BAN 14 no.5:507-509 '61.

1. Submitted by Academician A. I. Hadjioloff[A. I. Khadzhilov]

(Fluorescence)

VASSILEVA-DRJANOVSKA, O. A. [Vasileva-Drianovska, O. A.]

On the fertilization of potatoes by means of fluorescent microscopy.  
Doklady BAN 14 no.7:723-725 '61.

1. Submitted by Academician Hadjiolov, A. J. [Khadzhiolov, A. I.].

(Potatoes) (Fluoroscopic diagnosis)

VASSILEVA-DRYANOVSKA, O.].; BELCHEVA, R.

On fluorescent-microscopic studies of nucleic acids in  
the ovocytes of *Carassius auratus gibelio* (Bloch).  
Doklady HAN 16 no. 4: 413-415 '63.

1. Submitted by Academician A. I. Hadjiolov [Khadzhiolov,  
A. I. ].

VASSILEVA-DRIANOVSKA, O.A. [Vasileva-Drianovska, O.A.]

Fluorescent microscopy of DNA in nuclei of embryo sacs. Doklady  
BAH 17 no.6:585-588 '64.

1. Submitted by Academician A.I. Hadjiolov [Khadzhiolov, A.I.].

VASSILEVA-DRYANOVSKA, O.[Vasileva-Drianovska, O.]

Fluorescent-microscopic investigation of deoxyribonucleic acid (DNA) in the fertilization and early embryogenesis of tobacco and peas. Doklady BAN 17 no.9:849-851 '64.

1. Submitted April 14, 1964.



VASSILEVA-DRYANOVSKA, O.A. [Vasileva-Drianovska, O.A.]

The influence of temperature changes on sex formation in *Drosophila melanogaster* L. Doklady BAW 17 no.11:1055-1075 '64.

1. Institute of Plant Physiology of the Bulgarian Academy of Sciences.  
Submitted July 23, 1964.

VASSILEVA-DRYANOVSKA, O.; GENCHEVA, E.

Changes in the sex correlation depending on the age of parents  
in *Drosophila melanogaster*. Dokl. Bolg. akad. nauk 18 no.1:  
59-61 '65

1. Submitted on August 18, 1964.

L 15602-66

ACC NR: AP6008214

SOURCE CODE: BU/0011/65/018/004/0359/0362

AUTHOR: Vassileva-Dryanovska, O.; Belcheva, R.

21

ORG: Section on Genetics, Institute of Plant Physiology, Bulgarian Academy of Sciences B

TITLE: Radiation gynogenesis in *Salmo irideus* Gibb

SOURCE: Bulgarska akademiya na naukite. Doklady, v. 18, no. 4, 1965, 359-362

TOPIC TAGS: radiation biologic effect, biologic reproduction, genetics, irradiation, experiment animal

ABSTRACT: The diploid radiation gynogenesis of *Salmo irideus* Gibb. has been investigated. While D. D. Romashov et al. claimed they obtained diploid radiation gynogenesis with bone fish whose sperm was irradiated with 100,000 to 1,000,000 r, (see, e.g., Biofizika, 5, 1960, No. 4; Symp. Radiatsionnaya genetika /Radiation Genetics/, M., 1960), the authors of the present study obtained the effect with a dose only half as strong (50,000 R) while in the case with sperm irradiated with 200,00 r the zygote developed gynogenetically only up to the stage of gastrula.

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L 15602-66  
ACC NR: AP6008214

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These differences raise a question about the effect of spermatozoa irradiated with high doses on the development of the embryo. It seems possible that with the different species the strong doses affect differently the result of radiation gynogenesis. The paper was submitted by Academician D. Yordonov, 26 August 1964. Orig. art. has 2 figures and 1 table. [JPRS]

SUB CODE: 06 / SUBM DATE: none / OTH REF: 006 / SOV REF: 004

LB

Card 2/2

L 20829-66 RO

ACC NR: AP5028426

SOURCE CODE: EU/0011/65/018/001/0059/0061

AUTHOR: Vassileva-Dryanovska, O.; Gencheva, E.

ORG: Plant Physiology Institute, Bulgarian Academy of Science

TITLE: Changes in the sex correlation depending on the age of parents in *Drosophila melanogaster*

SOURCE: Bulgarska akademiya na naukito. Doklady, v. 18, no. 1, 1965, 59-61

TOPIC TAGS: entomology, biologic reproduction, cell physiology

ABSTRACT: [English article] In the course of earlier studies the authors established changes in the correlation of sexes under the effect of variable high and low temperature (Dokl. BAN, 17, 1964, No 10). A number of investigations have been initiated to establish the effect of the age differences of sex cells on the formation of sex. R. Khortvig, *Novyye idei v biologii*, 7, 1912) showed with overmature eggs of frog that there is an increase in the percentage of the male specimens with the aging of the eggs and upon their fertilization with normal spermatozoa. S. B. Zhegalov (*Usp. sovr. biol.*, 1, 1950, 4) established that during the artificial breeding of silvery-black foxes the female specimens under four years unfailingly give birth to a greater number of female specimens, after which the correlation

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ACC NR: AP5028426

begins to change in favor of the male ones. The purpose of the present investigations was to show the effect of age differences between the parents, or between the cells, on the correlation of sexes in the progeny of *Dr. melanogaster*. The tabulated data reveal that the greatest deviations compared with the controls are presented by the variant of crossing old female and young male specimens. The reverse case did not supply statistically reliable results. The authors believe that the correct solution of the problem of sex related to the age of the parents, or of the sex cells respectively, can be reached only if it is linked with and interpreted from the point of view of the synthesis and aging of protein as well as of coding. Further thorough investigations seem to be necessary. The work was presented by D. Yordanov, Academician, 18 Aug 64. Orig. art. has: 1 table. [JPRS]

SUB CODE: LS / SUHM DATE: 18Aug64 / ORIG REF: 001 / SOV REF: 002

Card 2/2

vmb

VASILEVA-DRYANOVSKA, O.; IZVORSKA, N.

Cytological changes upon applying ionizing irradiations on root tips of peas. Dokl. Bolg. akad. nauk 18 no.7:683-686 '65.

1. Submitted March 2, 1965.

L 30207-66 EWT(m)

ACC NR: AP6020319

SOURCE CODE: BU/0011/65/018/007/0683/0686

AUTHOR: Vassileva-Dryanovska, O.; Izvorska, N.

46  
B

ORG: Institute of Plant Physiology, BAN, Sofia

TITLE: Cytological changes following <sup>19</sup>ionizing irradiation of root tips of peas

SOURCE: Bulgarska akademiya na naukite. Doklady, v. 18, no. 7, 1965, 683-686

TOPIC TAGS: radiation plant effect, plant morphology, nuclear reactor, gamma ray, fast neutron, plant metabolism, ionizing irradiation, plant development/IRT-1000 nuclear reactor

ABSTRACT: There have been in the past an increasing number of studies on the radio-stimulating and inhibiting effect of ionizing irradiations on plants and on the changes caused in their cytological picture. The present investigation examines mainly the morphological changes of the nucleoli in dry and germinated seeds. Tests were carried out with the Earliest-of-All and Moskovsky varieties of garden peas and with the fodder variety of field-grown peas which involved gamma rays and rapid neutrons. Irradiation was carried out in the IRT-1000 reactor near Sofia with a pure gamma field of 3 roentgens per second after stopping the reactor, and with a mixed field involving a predominant percentage of fast neutrons at 5 roentgens per second during reactor operation. The seeds were irradiated in sealed polyethylene bags, the doses being

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L 30207-66

ACC NR: AP6020319

10, 30, 50, 100, 500, 1000, and 5000 r., and were placed for the purpose of germination in a thermostat at a definite humidity and at a temperature of +23°C. Numerous data collected and presented in the article indicate that the observed cytological changes are indicative of profound deviations in the all-round metabolism of the dry and germinated seeds of peas irradiated with gamma rays and fast neutrons. This paper was presented by Academician D. Yordanov on 2 March 1965. Orig. art. has: 3 figures.  
[Orig. art. in Eng.] [JPRS]

SUB CODE: 06, 18 / SUBM DATE: 02Mar65 / OTH REF: 004 / SOV REF: 011

Card 2/2

VASSILEVA-DRYANOVSKA, O. A., Department of Genetics and Plant Breeding,  
Agricultural College of Sweden, Uppsala 7; Department of Genetics, Bulgarian  
Academy of Sciences, Sofia

"Tube Growth Following Pollen Irradiation in Tradescantia"

Sofia, Doklady Bolgarskoy Akademii Nauk, Vol 19, No 7, 1966, pp 649-651

Abstract: [English article] No previous studies in Tradescantia of the pollen tube growth and of the development of the generative nuclei from the stigma to the embryo sac following pollen irradiation are known. Consequently, the author followed the growth of pollen tubes and the changes of the male chromatin from the stigma to the embryo sac following pollen irradiation with X- and gamma ray doses of 1,000 to 5,000.000 r. Flowers of diploid and tetraploid material of Tradescantia paludosa were pollinated with irradiated pollen and fixed in Carnoy from 1 hour to 10 days after pollination (14 fixations per variant). The paper gives an exhaustive description of the observed events. It shows among others that with higher doses the four half-chromatids can be separated from every chromosome and that the breakage can be interpreted as the consequence of half-chromatid breakage and interchanges. There are 12 Western references. (Manuscript received, 30 Mar 66.)

BULGARIA

SHINDAROV, D., VASSILEVA, V. [Affiliation not given]

"Cultivation of Sheep Abortion Virus in Tissue Culture of Tortoise Lungs (Testude graeca)"

Sofia, Doklady Bolgarskoy Akademii Nauk, Vol 19, No 3, 1966, pp 237-240

Abstract: [English article] D. Shindarov and Z. Savov (Compt. rend. Acad. bulg. Sci., 17, 1964, No 10, 981) reported earlier on the cultivation of the sheep abortion virus in tissue culture of cold-blooded animals (tortoise kidney epithelium). The present paper contains the results of studies on the reproduction of the sheep abortion virus in the tissue culture of the lungs of the same animal. Results of the experiments, described in considerable detail, indicate that 1) the sheep abortion virus can multiply itself in a primary monolayer tissue culture of the lungs of a cold-blooded animal (Testude graeca); 2) virus multiplication in tissue culture causes a cytopathic effect primarily of a focal character; 3) the maximum in the virus accumulation during its multiplication in the culture is about the 6th to 7th day after inoculation. There are 3 Bulgarian and 1 Western reference. (Manuscript received, 30 Nov 65.)

L 01751-67

ACC NR: AP6035626

SOURCE CODE: BU/0011/65/018/011/1011/1014

VASSILIEV, G., Institute of Chemical Industries [Original-language version not given].

"Certain New Derivatives of Allylthiourea"

Sofia, Doklady Bolgarskoy Akademii Nauk, Vol 18, No 11, 1965, pp 1011-1014

**Abstract:** [English article] Numerous thiourea derivatives generate pronounced biological activities of different kinds. During the current investigation the author synthesized certain new allylthiourea derivatives with the aim of testing their biological activity. Eleven new substances were obtained by known methods from allylisothiocyanate or Oleum Sinapis and the corresponding amines. The growth regulating properties of the majority of the synthesized substances was determined on wheat and cucumber seeds by E. Karanov at the Methodi Popoff Institute of Plant Physiology of the Bulgarian Academy of Sciences. Tests show that within the  $10^{-2}$  to  $10^{-5}$  g mol/litre concentration range the new substances are more active than thiourea and allylthiourea. Other types of tests are currently in progress. This paper was presented by Corresponding Member BAN A. Spassov on 19 July 1965. Orig. art. has: 1 table. [JPRS: 36,002]

TOPIC TAGS: nonmetallic organic derivative, amine, urea

SUB CODE: 07 / SUBM DATE: 19 Jul 65 / ORIG REF: 001 / OTH REF: 004  
SOV REF: 002

Card 1/1 pb

0922 0027

EXCERPTA MEDICA Sec.11 Vol.10/11 Oto-Rhino-Laryngo Nov57  
VASSILIU D.

2161. VASSILIU D. Bucharest. \*Deafness following mumps (Russian text) VESTN. OTO-RINO-LARING. 1957, 3 (92-96)

Deafness is a rare complication of mumps. The mechanism of development of deafness following this disease, caused by an ultravirus, is not yet clear. Transitory deafness accounts for the reversibility of such changes as: lymphocytary infiltration, haemorrhages in the perineural space of the cochlear nerve and others. The author considers that deafness caused by either this disease or by the influenza virus is attributed exclusively to the destruction, or the total degeneration of the vascular villi. As there are no other sources for the endolymph formation in the cochlea, their destruction impairs the nutrition of the cells. Granulations formed in the endolymph completely destroy the organ of Corti. (XI, 20)

BRIK, E.; LAANEP, E., red.; VASSILJEV, P., red.; SEPP, A., tekhn.  
red.

[Tourist trips in Estonia] Matkates mooda Eestit. Tallinn,  
Eesti Riiklik Kirjastus, 1960. 39 p. (MIRA 16:3)  
(Estonia—Description and travel)

S/055/62/000/005/003/004  
I027/I227

AUTHOR: R.A. Vassin

TITLE: On the proof of the theorems of the flow theory for  
work-hardening materials

PERIODICAL: Vestnik Moskovskogo Universiteta. Seria I. Matematika,  
Mekhanika. no.5, 1962, 60-64

TEXT: Little was known in the flow theory of work-hardening materials in case the function of hardening  $h$  depends on the history of the stress and deformation and thus may be homogeneous of degree zero in the stress rates. (The assumption that  $h$  is independent of the stress rates is not admissible even as approximation to reality). ✓

The author indicates a class of functions  $h$  homogeneous of degree zero in the stress rates for which the fundamental theorems and minimum principles of the flow theory are valid. The case of loading according to a broken line law is specially discussed. There

Card 1/2

S/055/62/000/005/003/004  
I027/I227

On the proof of the theorems...

are 2 figures.

The main English language reference read as follows:

Drucker, D.C. Quart. Appl. Math. 7, no.4, 411-418, 1950 and Proc.

1st U.S. Nat. Congr. Appl. Mech. 1951.

Budiansky B., Dom N.F., Peters R.W., Shepherd R.P. Proc. 1st U.S.  
Nat. Congr. Appl. Mech., 1951.

ASSOCIATION: Katedra teorii uprugosti (Cathedral of elasticity  
theory) Moscow University

SUBMITTED: March 23, 1962

Card 2/2



GROSSHEIM, V. A. [Grossgeym, V. A.]; VASSOEVICI, N. B. [Vassoyevich, N. B.]

Results of the study on lithologic variability of flysch deposits.  
Analele geol geogr 16 no.1:57-71 Ja-Mr '62.

TOMKO, Jozef, dr. inz. CSc.; VASSOVA, Anna, PhMr.

Alkaloids from *Veratrum album* subsp. *lobelianum* (Bernh.)  
Suessenguth. Pt.7. Chem. zvesti 18 no.4:266-272 '64

1. Institute of Chemistry, Slovak Academy of Sciences,  
Department of Alkaloids, Bratislava, Dubravska cesta.

TOMKO, Jozef, dr. inz., C.Sc.; VOTICKY, Zdeno, dr. inz., C.Sc.; PAULIK,  
Vladimir, inz.; VASSOVA, Anna, PhMr.; BAUEROVA, Oldriska, PhMr.

Alkaloids from *Buxus sempervirens* L. Pt.1. Chem zvesti 18  
no.10:721-731 '64.

1. Division of Alkaloids of the Institute of Chemistry of the  
Slovak Academy of Sciences, Bratislava, Dubravska cesta.

1930 8

Whewellite from the tertiary strata of the Maykop region (northern Caucasus).  
N. B. VAMOSOVICH AND N. K. RAZUMOVSKII. *Mém. soc. russ. minéral.* [2], 57, 275-300 (1928); *Mineralog. Abstracts* 4, 377-8. — Yellowish tabular crystals of whewellite ( $\text{CaC}_2\text{O}_4 \cdot \text{H}_2\text{O}$ ) were found in crevices in calcareous concretions from bituminous Eocene clay near Khodyzhenskaya in the Maykop district. Sp. gr. 2.22, hardness  $3\frac{1}{2}$ ,  $n = 1.49$ ,  $\beta = 1.53$ ,  $\gamma = 1.65$ ,  $2V = 82^\circ$ , optically +. Analysis gave:  $\text{CaO}$  35.80,  $\text{C}_2\text{O}_3$  48.92,  $\text{H}_2\text{O}$  10.40,  $\text{CaCO}_3$  0.68%. The mineral is partly replaced by quartz and  $\text{CaCO}_3$ .  
A summary of the literature on whewellite is given. J. F. SCHAEFER

VASSOYEVIICH, N. P.

Rocks, Sedimentary

Methodology of a paleontological study of the Flysch, Mat. Geol. inst.  
5, 1948.

Unclassified.

Monthly List of Russian Accessions, Library of Congress, October 1952.

VASSOYEVICH, N. B.

26990. TIKHOMIROV, V. V., VASSOYEVICH, N. B., GROSSBEYM, V. A. Ob odnom opyte detal'nogo sopostavlyeniya razrezov flisha. Byulleten' mosk. O-vz ispytateley prirody. Otd. geol., 1949, vyp. 4. c 37-47.

So: Letopis' Zhurnal'nykh Statey, Vol. 36, 1949.

VASSOYEVICH, N.B.

Stratigraphy of Mesozoic deposits of the Flysch zone in the  
southeastern Caucasus. Trudy Len.ob-va est. 68 no.2:168-167 '51.  
(MLRA 9:3)

(Caucasus--Geology, Stratigraphic)

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Sputnik polevogo geologa-neftyanika [Oil Geologist's Handbook], pod. red.  
N. B. Vassoyevicha [Under the editorship of N. B. Vassoyevich], Leningrad-Moscow, 1952.

No. 444, 16 Aug 55



ALCYON, A. I.

USSR/Geophysics - Slates, Deposits

May/Jun 52

"Brief Communications"

"Iz Ak Nauk, Ser Geolog" No 3, pp 128-140

V.L. Dubrovkin, "Sylvan Species in Southeast Kara-Kuma"; A.P. Nikol'skiy, "Talc Slates and Serpentinities in the Northern Part of Saksagan Band of Krivorozh'ye; N.B. Vassoyevich. "Stratigraphy of Chokrak Deposits of Terskiy Cismontane Break (North-east Caucasus"; G.M. Zaridze, "Problem of the Genesis of Granites."

220T68

1. VASSOYEVICH, N. B.
2. USSR (600)
4. Terek Valley--Geology, Stratigraphic
7. Stratigraphy of the Chokrak deposits of the Terek piedmont lowland, Izv. AN SSSR. Ser. geol., No. 3, 1952.

9. Monthly List of Russian Accessions, Library of Congress, April, 1953, Uncl.

VASSOYEYEV, M.B., prof., doktor geol.-miner.nauk; ANDREYEV, P.F., kand.  
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 nauchnyy sotrudnik; BUSHINSKIY, G.I., prof.; GEEKER, R.F., prof.,  
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 POKROVSKAYA, I.M., prof., doktor geol.-miner.nauk; RADCHENKO, O.A.,  
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 TORGOVANOVA, V.B., gidrogeolog; USPENSKIY, V.A., kand.khim.nauk;  
 FROLOV, Ye.F., kand.geol.-miner.nauk; FURSENKO, A.V.; KHAIN, V.Ye.,  
 prof., doktor geol.-miner.nauk; SHARONOV, V.V., prof., doktor  
 fiziko-matem.nauk; YASHCHURZHINSKAYA, A.B., vedushchiy red.;  
 SOKOLOVA, Ye.V., tekhn.red. (Continued on next card)

VASSOYEVICH, N.B.---(continued) Card 2.

[Handbook for field geologists and petroleum prospectors]  
Sputnik polevogo geologa - neftianika. Leningrad, Gos.nauchno-  
tekh.izd-vo neft. i gorno-toplivnoi lit-ry, Leningr.otd-nis,  
1952. 504 p. (MIRA 12:12)

1. Groznenskiy ordena Trudovogo Krasnogo Znameni neftyanny insti-  
tut (for Itenberg). 2. Deystvitel'nyy chlen AN Ukrainskoy SSR  
(for Krishtofovich). 3. Chlen-korrespondent AN Belorusskoy SSR  
(for Putsenko).

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VASSOYEVICH, N. B. and AMOSOV, G. A.

"Change of Petroleum in the Crust of the Earth", Collection of Geology  
Articles of the All-Union Petroleum Scientific Research Institute for  
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Sputnik polevogo geologa-neftianika. Izd. 2-o, ispr. i dop. Leningrad, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry. Vol. 2. 1954. 564 p. (MIRA 8:2)  
(Petroleum geology)

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VEBER, V.V., doktor nauk; DVALI, M.P., doktor nauk; DOBRYANSKIY,  
A.V., doktor nauk; MAYMIN, Z.L., doktor nauk; MIRCHINK, M.V.,  
redaktor; ANDREYEV, P.F., kandidat nauk; AYZENSHTADT, G.Ye.,  
kandidat nauk; BOGOMOLOVA, A.I., kandidat nauk; GORSKAYA, A.I.,  
kandidat nauk; ZHABREV, D.V., kandidat nauk, redaktor; KAZMINA,  
T.A., kandidat nauk; MESSINEVA, M.A., kandidat nauk, PETROVA,  
Yu.N., kandidat nauk; RADCHENKO, O.A., kandidat nauk; TATARSKIY,  
V.T., kandidat nauk; TIKHIY, V.N., kandidat nauk; USPENSKIY, V.A.,  
kandidat nauk, DYAKOV, B.F., redaktor; SAVINA, Z.A., redaktor;  
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[Origin of oil] Proiskhozhdenie nefiti. Pod red. M.F. Mirchinka i  
dr. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi  
lit-ry, 1955. 483 p. (MLRA 9:1)

1. Chlen korrespondent AN SSSR (for Mirchink)  
(Petroleum geology)

VASSOYEVICH, N.B.

On the use of petroleum heat expansion curves in petroleum  
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(Petroleum geology) (MLA 8:6)



VASSOYEVICH, N.B.

Petroleum matrix deposits of the terrigenous type. Geol. zbor.  
no. 3:281-290 '55. (MLBA 8:6)  
(Petroleum geology)

VASSOYEVICH, N.B.

~~Origin of petroleum.~~ Trudy VNIGRI no.83:9-98 '55. (MLR 8:10)  
(Petroleum geology)

VASSOYEVICH, N.B.; MURATOV, V.N.

~~Classification and terminology "caustobiolites."~~ Trudy VNIGRI  
no.83:149-170 '55. (MLRA 8:10)  
(Caustobiolites)

VASSOYEVICH, N.B.; KARTSEV, A.A.

Use of vector diagrams in petroleum geochemistry. Trudy VNIGRI  
no.83:520-525 '55. (MLRA 8:10)  
(Geochemical prospecting) (Petroleum geology)

VASSOYEVICH, N. B.

USSR/ Geology - Geochemistry

Card 1/1 Pub. 22 - 35/51

Authors : Vassoevich, N. B., and Strigaleva, N. V.

Title : ~~Group composition of cert~~ in petroleum of north-eastern Caucasus and about a new type of petroleum

Periodical : Dok. AN SSSR 101/1, 131-133, Mar 1, 1955

Abstract : The purpose of this report is to introduce certain corrections into the existing ideas about the group composition of petroleum not affected by the hypergenesis processes, to characterize briefly a new type of petroleum and to explain the nature of petroleum changes in the catagenesis zone. It is pointed out that a genuine genetic classification of petroleum should take into consideration the different trends in the changes occurring in the catagenesis zones (methanization), and in the hypergenesis zones (enrichment with aromatic compounds and impoverishment in high molecular methane hydrocarbons), as well as the filtration phenomena. Three USSR references (1947-1953). Graphs.

Institution : All-Union Petroleum Scientific Research Geological Exploration Institute

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VASSOYEVICH, N.B.  
VASSOYEVICH, N.B.; KARTSEV, A.A.; TABASARANSKIY, Z.A.

Materials on the geochemistry of certain Kuban petroleum. Trudy  
MNI no.19:174-185 '57. (MIRA 17:1)  
(Kuban--Petroleum--Analysis)

AMOSOV, G.A.; VASSOYEVICH, N.B.

Means for determining the temperature of petroleum formation.  
(MIRA 11:9)

VNIIGRI no.105:61-65 '57.

(Petroleum geology)

VASSOYEVICH, N. E.

"The Flysch -- A Geohistoric Formation"

report presented at the 5th Intl. Sedimentology Congress, Geneva/Lausanne,  
2-7 June 1958.

Acad. Sci. USSR, Moscow



VASSOYEVICH, N.B., referant

Criticisan of the organic theory of the origin of oil. Biul.MOIP. Otd.  
geol. 33 no.5:153-154 S-O '58. (MIRA 12:1)  
(Petroleum)

VASSOYEVICH, N. B.

"Criticism of the Organic Theory of Oil Formation" p. 363 Voprosy  
obrazovaniya nefti, sbornik statey (Problems of the Origin of Petroleum,  
Collection of Articles) Leningrad, Gostoptekhnizdat, 1958, 389 p. Trudy, vyp. 128,

This book, containing four articles written by 11 specialists, reports  
on the results of studies made on the origin of oil deposits in the Northeastern  
Caucasus. The program was organized in 1950-55 by VNIGRI (All-Union Petroleum  
Sci. Res. Inst. for Geological Survey)

SOV/5-59-5-13/20

AUTHOR: Vassoyevich, N.B.

TITLE: On the Criticism of the Organic Theory of the Origin of Oil  
(O kritike organicheskoy teorii proiskhozhdeniya nefi)

PERIODICAL: Byulleten' Moskovskogo obshchestva ispytateley prirody,  
Otdel geologicheskoy, 1958, Nr 5, pp 153 - 154 (USSR)

ABSTRACT:

The author sums up the report he read on 25 March 1958 in the Hydrogeological Section of the Society. He finds that some of the criticism is justified, but that some of it is not. According to him, the correct version of the organic theory is the theory of micro-oil. He puts forward some arguments to confirm this theory. According to him, the concentration of micro-oil forms the natural reservoirs of the oil. This concentration occurs when definite thermodynamical conditions are favorable. In the light of latest data, the formation of primary micro-oil is a normal process. It is the unavoidable result of the formation of sediments in the biosphere. These sediments contain the organic matter, the lipid components of which concur in the formation of bitumoids. The evolution of bitumoids in the process of lithogenesis leads to the accumulation of petroleum hy-

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SOV/5-58-5-13/20

On the Criticism of the Organic Theory of the Origin of Oil

drocarbons. Genetically the oil is an accumulation (always secondary) of liquid hydrophobic products of the fossilization of organic matter of any given rock. The following geologists are cited by the author: N.A. Kudryavtsev, P.N. Kropotkin, V.B. Porfir'yev, K.K. Volosovich, K.P. Kalitskiy, I.V. Grinberg and A.F. Dobryanskiy.

Card 2/2

VASSOYEVICH, N.B.

Oil formation in terrigenous deposits as illustrated by Chokrak-  
Karagan beds in the Terskiy frontal fault. Trudy VNIIGRI no.128:  
9-220 '58. (MIRA 11:12)  
(Terskiy Range--Petroleum geology)

RUKHIN, Lev Borisovich; POLYANIN, V.A., prof., retsenezent; VASSOYEVICH,  
N.B., prof., nauchnyy red.; DOIMATOV, P.S., vedushchiy red.;  
YASHCHURZHINSKAYA, A.B., tekhn.red.

[Principles of general paleogeography] Osnovy obshchei paleo-  
geografii. Leningrad, Gos.nauchno-tekhn.izd-vo neft. i gorno-  
toplivnoi lit-ry, Leningr.otd-nie, 1959. 557 p. (MIRA 12:5)  
(Paleogeography)

VASSOYEVICH, N.B.

(5)  
ARTICLE:  
TITLE:  
PERIODICAL:  
ABSTRACT:  
AUTHOR:  
EDITOR:  
PUBLISHED:  
CART 1/3

VASSOYEVICH, N.B.

Micropetroleum. Trudy VNIIGI no.132:131-162 '59. (MIRA 17:1)



RATNOVSKIY, Ivan Ivanovich; VASSOYEVICH, N.B., nauchnyy red.; RAGINA,  
G.M., vedushchiy red.; GEMAD'YEVA, I.M., tekhn.red.

[Geology of the Schmidt Peninsula on Sakhalin] Geologicheskoe  
stroenie poluostrova Shmidt na Sakhaline.] Leningrad, Gos.  
nauchno-tekhn.izd-vo neft. i gazno-topl.lit-ry. Leningr.otd-nis,  
1960. 103 p. (Leningrad. Vsesoyuznyi neftianoi nauchno-issledovatel'-  
skii geologorazvedochnyi institut. Trudy, no.146) (MIRA 13:6)  
(Schmidt Peninsula--Geology)

VASSOYEVICH, N.B. (SSSR)

Flysch. Mat.Karp.-Balk.assots. no.3:26-48 '60.  
(MIRA 14:12)  
(Flysch)

VASSOYEVICH, N.B.

Some mistaken theses of incorrect variations of the organic theory  
of the origin of petroleum. Trudy VNIGNI no.27:9-38 '60.  
(MIRA 17:3)

VASSOYEVICH, N.B.

Concerning the terms "bitumens", bitumogens", and bitumoids. Trudy VNIGRI  
no.163:529-539 '60. (MIRA 14:6)

(Bitumen--Terminology)

YEREMENKO, Nikolay Andreyevich; FEDOROV, S.F., retsenzent; MEKHTIYEV, Sh.F.,  
akad., retsenzent; VASSOYEVICH, N.B., doktor geol.-mineral. nauk,  
prof., retsenzent; BROD, I.O., doktor geol.-mineral. nauk, prof., red.;  
IONEL', A.G., ved. red.; VORONOVA, V.V., tekhn. red.

[Petroleum and gas geology] Geologiya nefi i gaza. Pod red. I.O.Bro-  
da. Moskva, Gos. nauchno-tekhn. izd-vo nefianoi i gorno-toplivnoi  
lit-ry, 1961. 372 p. (MIRA 14:11)

1. Chlen-korrespondent AN SSSR (for Fedorov). 2. AN Azerbaydzhanskoy  
SSR (for Mekhtiyev).  
(Petroleum geology) (Gas, Natural-Geology)

GROSSGEYM, Vladimir Aleksandrovich; VASSOYEVICH, N.B., nauchnyy red.;  
TOKAREVA, T.N., vedushchiy red.; YASHCHURZHINSKAYA, A.B., tekhn.red.

[History of terrigenous minerals in the Mesozoic and Cenozoic  
of the Northern Caucasus and Ciscaucasia] Istorii terrigennykh  
mineralov v mezozoe i kainozoe Severnogo Kavkaza i Predkavkaz'ia.  
Leningrad, Gos.nauchno-tekhn.izd-vo nef't.i gorno-toplivnoi lit-ry  
Leningr.otd-nie, 1961. 375 p. (Leningrad. Vsesoiuznyi nef'tianoi  
nauchno-issledovatel'skii geologorazvedochnyi institut. Trudy no.180).  
(MIRA 15:4)

(Caucasus, Northern--Minerals)

RUKHIN, Lev Borisovich, prof.[deceased]; RUKHINA, Ye.V.. kand.geol.-min.nauk.  
Prinimali uchastiye: SARANCHINA, G.M., dots.; FRANK-KAMENETSKIY,  
V.A., dots.; KALINKO, M.K., doktor geol.-min. nauk; VASSOYEVICH,  
N.B., prof., red.; TOKAREVA, T.N., ved. red.; YASHCHURZHINSKAYA,  
B.Ya., tekhn. red.

[Fundamen'als of lithology; theory of sedimentary rocks] Osnovy  
litologii; uchenie ob osedochnykh porodakh. Izd.2., perer.i dop.  
E.V.Rukhinoi. Pod red. N.B.Vassoevicha. Leningrad, Gos.nauchno-  
tekhn.izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 779 p. (MIRA 15:2)

1. Leningradskiy gosudarstvennyy universitet (for Saranchina, Frank-  
Kamenetskiy). 2. Vsesoyuznyy nauchno-issledovatel'skiy geologo-  
razvedochnyy neftyanoy institut (for Kalinko).  
(Rocks, Sedimentary)

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Correlation of the Neogene sediments of the Okha-Elkhabl oil-  
bearing region and Schmidt Peninsula. Trudy VNIGRI no.181:25-  
62 '61. (MIRA 15:2)  
(Sakhalin--Geology, Stratigraphic)



VASSOYEVICH, N.B.

Flysh and astrogeology. Geog.sbor. no.15:168-178 '62.  
(Flysh) (Earth) (MIRA 15:12)

NERUCHEV, Sergey Germanovich; VASSOYEVICH, N.B., nauchnyy red.;  
IONINA, I.N., ved. red.; YASECHURZHINSKAYA, A.B., tekhn.  
red.

[Oil-producing layers and oil migration; results of study-  
ing organic matter in sedimentary rocks] Nefteproduktiashchie  
~~rezul'taty migratsii~~ migratsiya nefti; rezul'taty izucheniia organicheskogo  
veshchestva osadochnykh porod. Leningrad, Gostoptekhniz-  
dat, 1962. 223 p. (MIRA 15:10)  
(Petroleum geology)

VASSOYEVICH, N.

Follow up to V.V.Veber's article "Formation of oil in the productive formation of the southeastern Caucasus." Geol.neft i gaza (MIRA 15:12)  
6 no.10:58-61 0 '62.  
(Azerbaijan--Bitumen--Geology)

VASSOYEVICH, N.B.; BRONOVITSKIY, A.V.

Studying density and porosity of rocks. Trudy VNIGRI no.190:  
478-484 '62. (MIRA 16:1)

(Petrology)

VASSOYEVICH, N.B.

More about the terms defying petrogenetic stages and phases.  
Trudy VNIGRI no.190:220-243 '62. (MIRA 16:1)  
(Petrogenesis)

VASSOYEVICH, N.B.

Origin of petroleum; development of the organic theory from the  
time of M.V.Lomonosov until the present. Vost.Mosk.un. Ser.4:Geol.  
17 no.3:10-30 My-Je '62. (MIRA 15:6)  
(Petroleum geology)

VASSOYEVICH, N.B.; BRONOVITSKIY, A.V.

Letter to the editor of the journal "Prikladnaya geofizika." Prikl.  
geofiz. no.32:248-252 '62. (MIRA 15:7)  
(Rocks, Sedimentary)

VASSOYEVICH, N.B.

In memory of Professor L.B. Rukhin. Uch.zap. LGU no. 310:5-13  
(MIRA 16:11)

162.



VASSOYEVICH, N.B.

Oil formation in continental (lake) sediments. Geol. nefiti i  
gaza 7 no.8:1-6 Ag '63. (MIRA 16:10)

1. Vsesoyuznyy nefityanoy nauchno-issledovatel'skiy geologorazve-  
dochnyy institut.

VASSOYEVICH, N.B.; BEZHAYEV, M.M.

Connection between sections of Upper Carboniferous flysch in the  
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